

### **ABSTRACT OF THE DISCLOSURE**

An artificial hip joint is provided featuring a liner with a deforming seal which quickly and easily seals a top bore in an acetabular cup of the artificial hip joint, such as to prevent the passage of fluid, wear debris or other material through the top bore in the acetabular cup. The acetabular cup is adapted to be secured to a hip bone and is generally hemispherical and sized to receive the generally hemispherical liner therein. The liner is secured to the acetabular cup by a locking ring which nests within both an acetabular groove in the annular cup and an annular seat in the liner. The liner provides a hemispherical bearing surface for a head at an upper end of a femur.